



Platform Linked  
Data Nederland



## Linked Data Seminar – Culture, Base Registries & Visualisations – December 2<sup>nd</sup> 2016

*This event will focus on applications of Linked Data; Keynotes will address the state of the art in the application of Linked Data in the cultural domain; probably the domain with the highest adoption of Linked Data. Other talks will focus on the application in the government domain, and more precisely related to (geospatial) base registries such as addresses and parcels. Applications are presented from Ireland, Belgium and the Netherlands. Last but not least impressive award winning visualisation (on the map) of linked data will be shown, as results of the UX Linked Data Challenge held previously.*

**December 2<sup>nd</sup>, Location Waternet, Amsterdam**

Registration (free, but required):

<http://www.geonovum.nl/formulieren/symposium-platform-linked-data-nederland-december-2016>

Location: Korte Ouderkerkerdijk 7, 1096 AC Amsterdam - (contact [erwin.folmer@kadaster.nl](mailto:erwin.folmer@kadaster.nl))

### 9:00 – 9:30 Entrance

	<i>Introduction</i>
9:30	Welcome - <b>Name by Ann</b> (Waternet)
9:35	Zuidasdok - <b>Name by Ann</b> (Waternet)
	<i>Block Spatial Data Applications</i>
9:55	Serving Ireland's Geospatial Information as Linked Data – <b>Christophe Debruyne</b> (ADAPT)
10.25	Linked base registries as a key enabler for eGovernment in Flanders - <b>Ziggy Vanlshout</b> (Informatiepunt Vlaanderen)
10:55	The Business Reasons for Linked Data @ Kadaster; the story so far – <b>Erwin Folmer</b> (Kadaster)

### Break 11:15 – 11:30

11.30	<i>Swiss Topo?</i>
	<i>Block Linked Data for Heritage &amp; Archives</i>
12.00	HDT, Triple Pattern Fragments, and Memento: A Sweet Combo for Linked Data Archives – <b>Herbert van de Sompel</b> (Los Alamos National Laboratory & DANS)
	CLARIAH - Infrastructure for the Humanities – <b>Gertjan Filarski</b> (Huygens ING)

### Lunch 12.30 – 13.30

	<i>Block UX, Best Practices, Tools &amp; Demos</i>
13.30	UX Challenge Award Winners - <b>Pieter van Everdingen</b> (Geonovum) (30 min, including presentation of the winners)
	OGC/W3C Spatial Data on the Web Best Practices – <b>Bart van Leeuwen</b> (Netage - WGeonovum) – 10 min*
	CommonSenseWeb AP platform for linked data visualisation - <b>Arnoud de Jong</b> (TNO) – 10 min*
	Coollest Graph Features - <b>Zhe Wu</b> (Oracle) – 25 min*
	Innovative Linked Data Tooling - <b>Axel Ngonga &amp; Claus Stadler</b> (AKSW – Leipzig) – 25 min*
	* Not confirmed yet

### 15:00 – Closing & Drinks



This event is held directly after the Smart Descriptions & Smarter Vocabularies (SDSVoc) workshop on november 30<sup>th</sup> and December 1<sup>st</sup> at CWI, Amsterdam. More information:  
<https://www.w3.org/2016/11/sdsvoc/>



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**Abstract: Serving Ireland's Geospatial Information as Linked Data.** *We present data.geohive.ie, an ongoing collaboration between the Ordnance Survey Ireland (OSi) and the ADAPT Centre of Digital Content Technology at Trinity College Dublin, which aims to provide an authoritative platform for serving Ireland's national geospatial data, including Linked Data.*



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Abstract: Linked base registries as a key enabler for eGovernment in Flanders

Citizens expect instant access to their own or public data managed by public administrations at various governmental levels. To reduce the costs of interoperability and to improve information intensive processes for public administrations, the 'once only' principle is crucial. This presentation reports on the development of the '**Open Standards for Linked Organisations (OSLO) programme**'.

In future, **governments need to be connected and networked** with each other and with private actors. However, the public sector is slow in implementing digital end-to-end services, let alone in achieving cross-border interoperability. In order to achieve these goals governmental silos will have to dissolve. The development of Linked Base Registries is seen as part of the solution to overcome this hurdle.

Today the Flemish Information Agency distributes a number of 'authentic data sources'. These products are well established, have good quality and are widely used. These data sources however have been developed as independent silos. The need for more interoperable data and **harmonisation with INSPIRE data specifications** are two of the main reasons to start the programme.

In Europe, several frameworks emerge as tools for interoperability in the deployment of e-government services. Methodologies for linking government data are not new: many guidelines considering applications, methodology, coverage and quality exist. In particular **the Interoperability Solutions for Public Administrations (ISA) Programme**, now in its second chapter, promotes semantic interoperability among the European Union Member States.

OSLO maximally aligns to existing vocabularies. OSLO relied on the W3C Location Vocabulary which adopted the ISA Core Location Vocabulary. This Vocabulary provides a minimum set of classes and properties for describing any place in terms of its name, address or geometry. The vocabulary is specifically designed to aid the publication of data that is interoperable with [EU INSPIRE Directive](#). The address and buildings models are aligned with **INSPIRE Address and INSPIRE Building specifications**. We use the **Core Registered Organization Vocabulary** for businesses and will use the **Core Public Organisation Vocabulary** for public organisations. For contact information we relied on the *vCard Ontology*. The domain of public services aligns with the ISA **Core Public Service vocabulary**.

This programme of the Flemish Government focuses on the semantic level and will extend the **ISA CORE Vocabularies** and **INSPIRE** data specifications in order to facilitate the integration of base registries with one another and their implementation in **business processes of both the public and private sector**.



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